

FIG.1

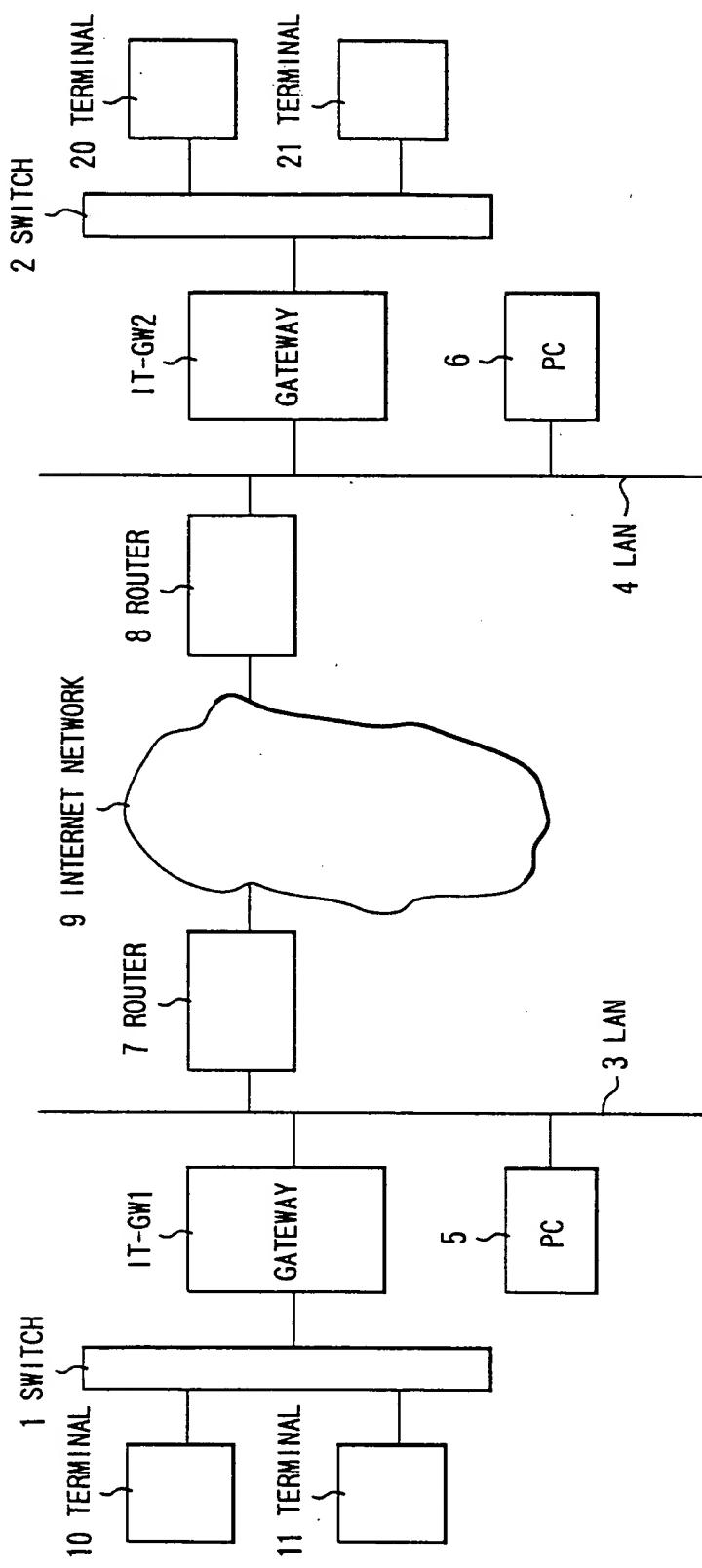


FIG.2

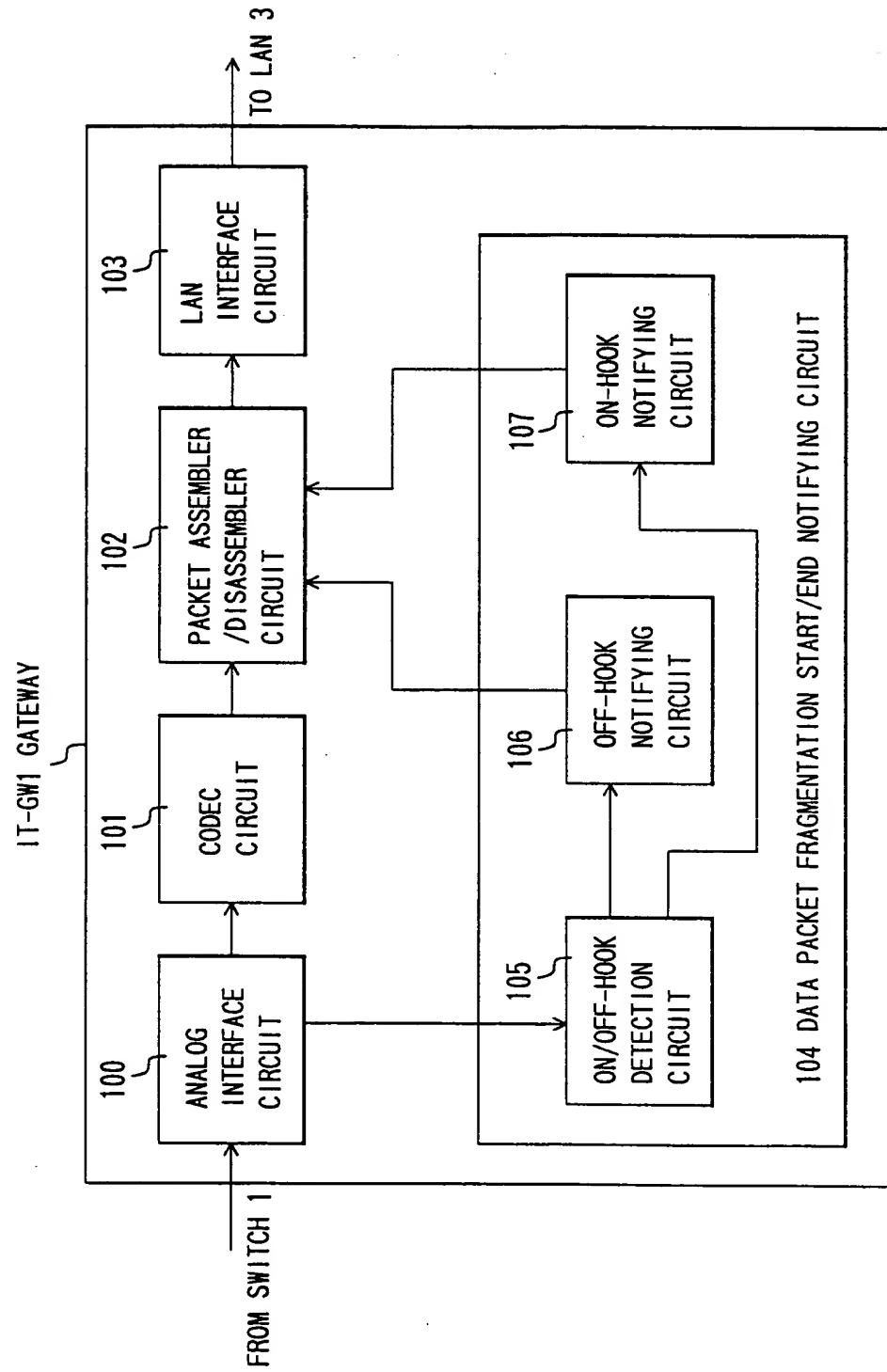


FIG.3

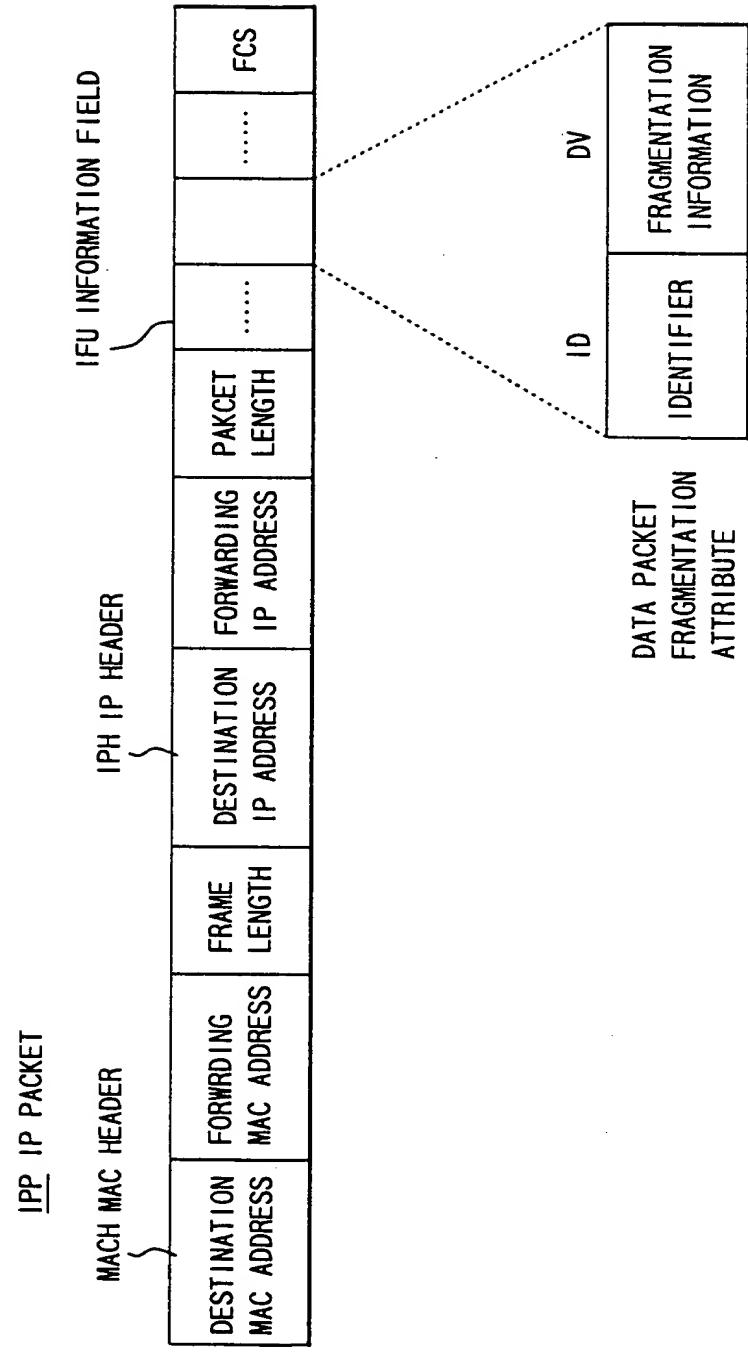


FIG.4

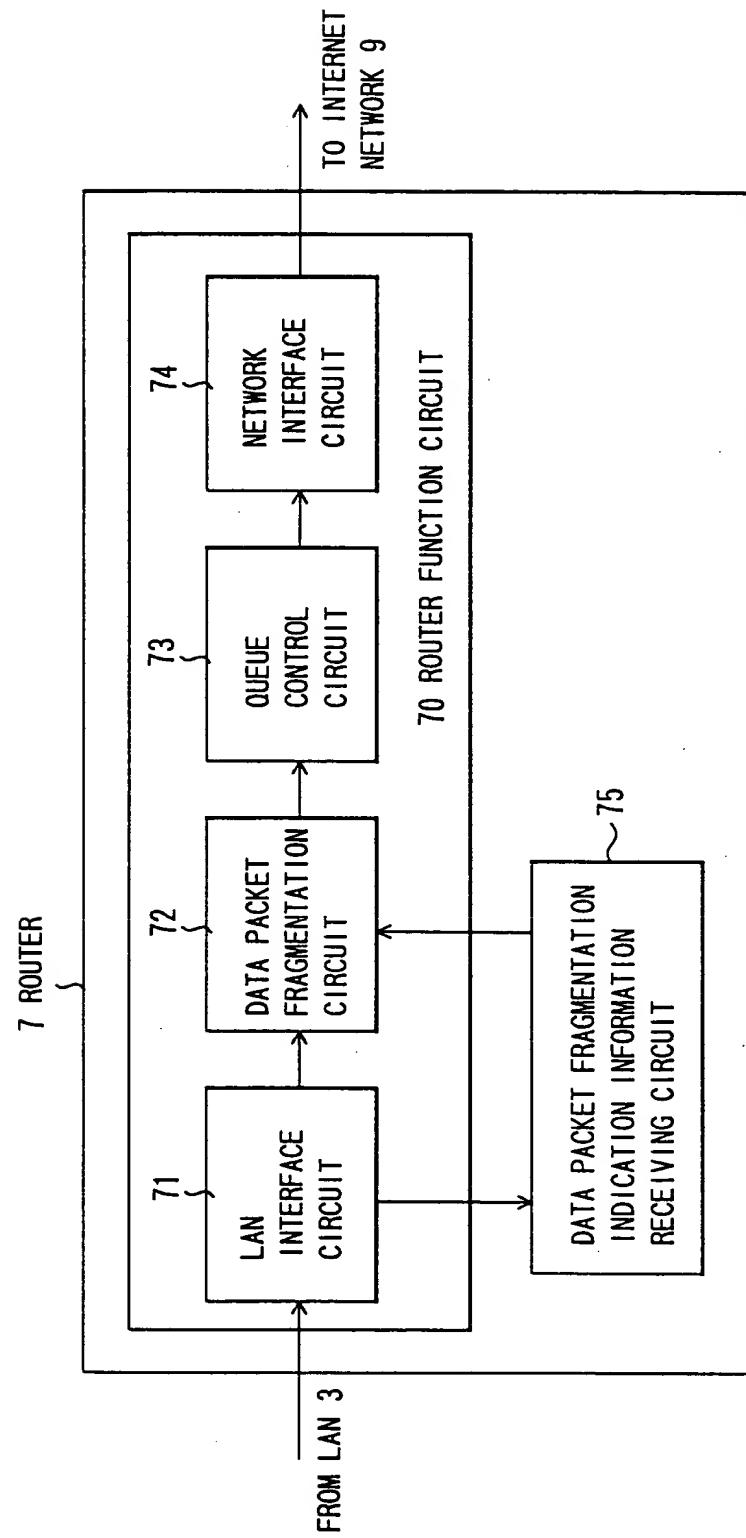


FIG.5

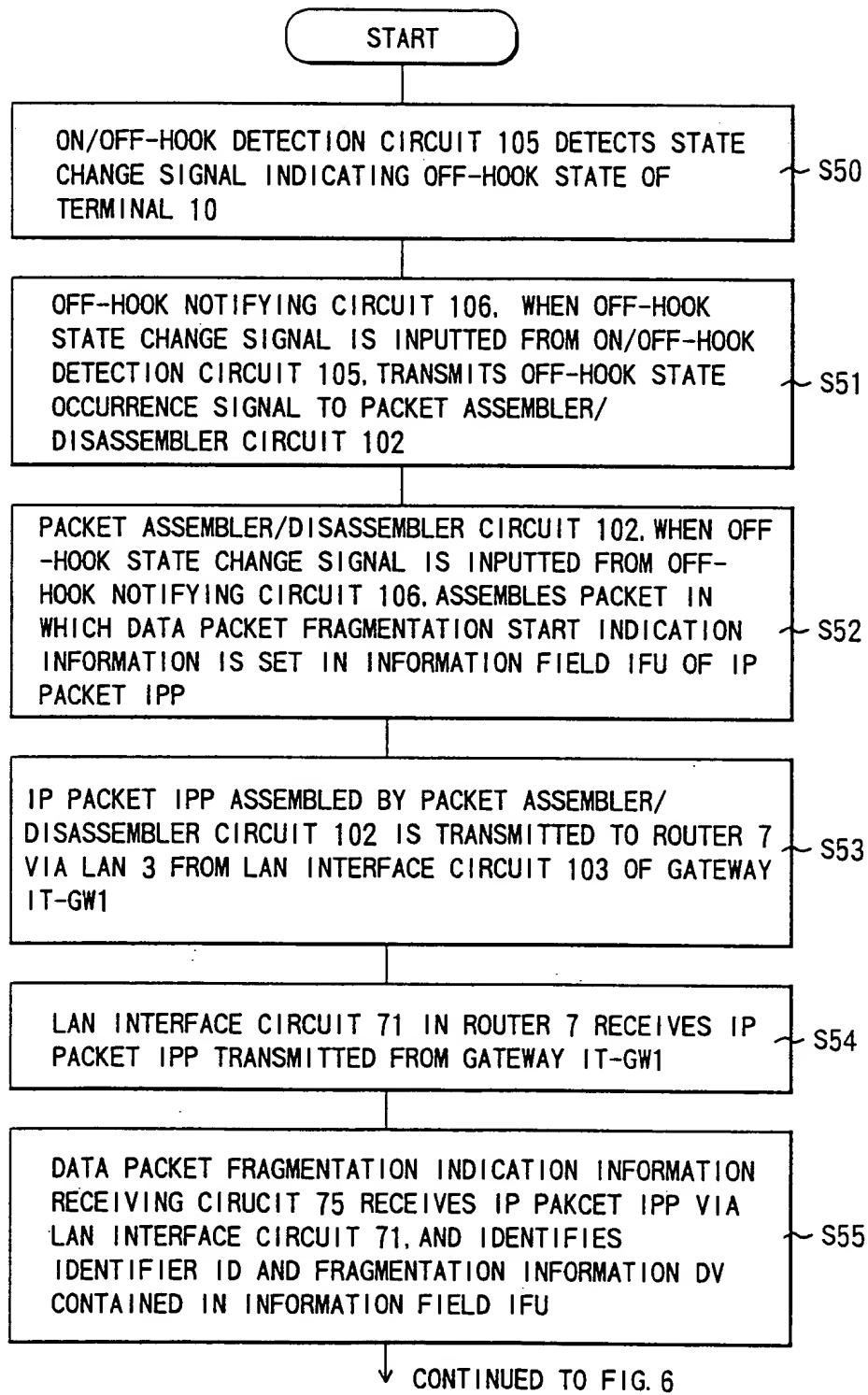


FIG.6

CONTINUED FROM FIG. 5

RECEIVING CIRCUIT 75, WHEN CONTENT OF IDENTIFIER ID IS[01] AND CONTENT OF FRAGMENTATION INFORMATION DV IS[00] AND SHOWS DATA PACKET FRAGMENTATION START INDICATION, STORES DATA PACKET FRAGMENTATION START INDICATION INFORMATION BY SETTING DATA PACKET FRAGMENTATION START BIT IN BUILT-IN MEMORY TO[1], AND NOTIFIES DATA PACKET FRAGMENTATION CIRCUIT 72 OF BEING IN DATA PACKET FRAGMENTATION START INDICATION RECEIVING STATUS

~ S56

DATA PACKET FRAGMENTATION CIRCUIT 72, THERE BEING NECESSITY FOR TRANSFERRING (PRIORITY TRANSFER) VOICE PACKET AUP, SETS MAXIMUM PACKET LENGTH TO PREDETERMINED SMALL VALUE

~ S57

DATA PACKET FRAGMENTATION CIRCUIT 72 THEREAFTER ROUTES DATA PACKET DTP AND VOICE PACKET AUP WITH VALUE UNDER THIS SET VALUE

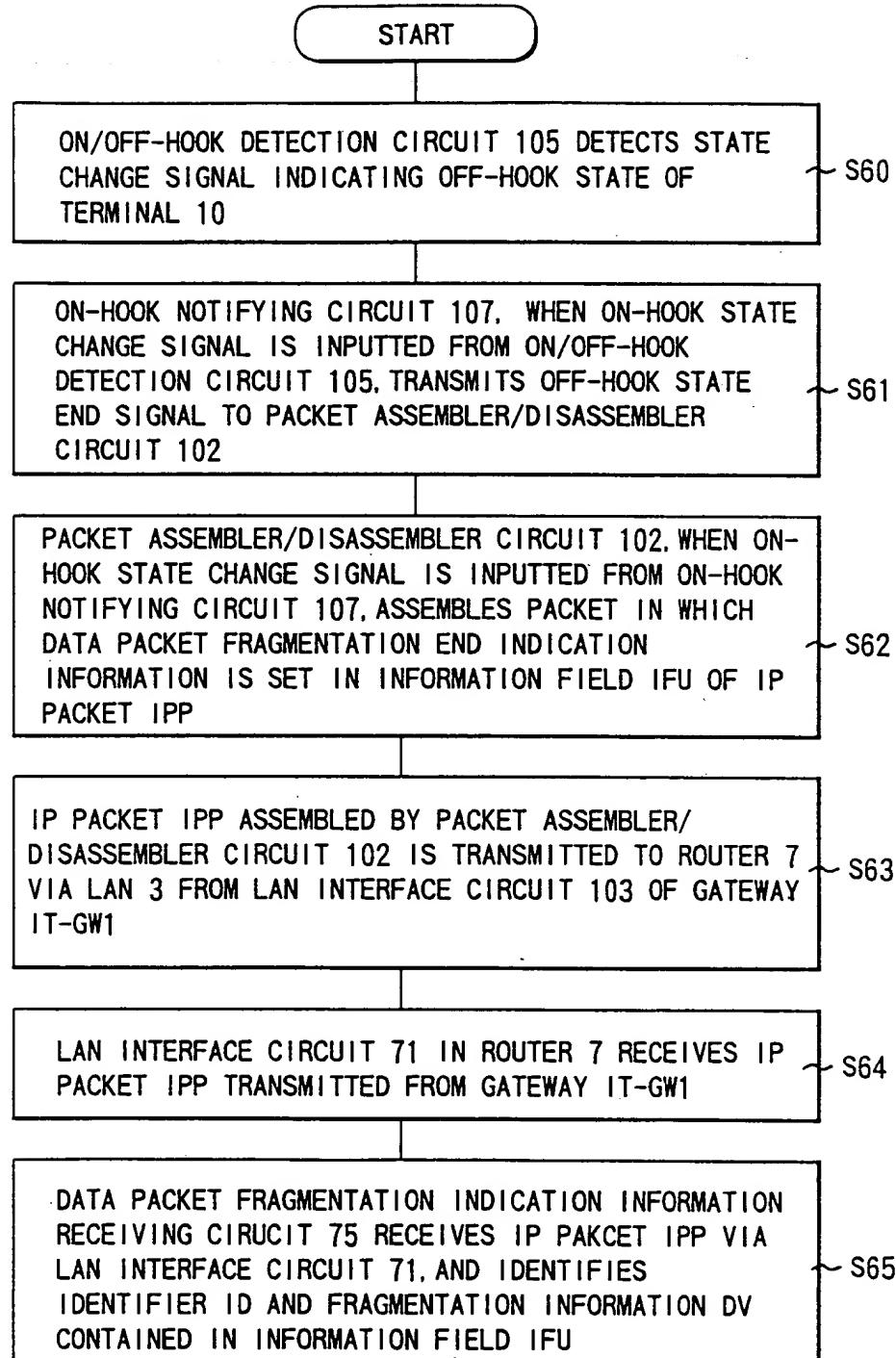
~ S58

QUEUE CONTROL CIRCUIT 73 IDENTIFIES THAT THE PACKET IS VOICE PACKET AUP BASED ON FACT THAT FORWARDING IP ADDRESS IN IP HEADER IPH INDICATES IP ADDRESS CORRESPONDING TO GATEWAY IT-GW1, ACCUMULATES VOICE PACKET AUP IN QUEUE BUFFER MEMORY EXHIBITING TOP OR HIGH PRIORITY, AND FORWARD WITH HIGHER PRIORITY THAN DATA PACKET DTP TO INTERNET NETWORK 9 VIA NETWORK INTERFACE CIRCUIT 74

~ S59

END

FIG.7



↓ CONTINUED TO FIG. 8

FIG.8

CONTINUED FROM FIG. 7

RECEIVING CIRCUIT 75, WHEN CONTENT OF IDENTIFIER ID IS[01] AND CONTENT OF FRAGMENTATION INFORMATION DV IS[01] AND SHOWS DATA PACKET FRAGMENTATION END INDICATION, STORES DATA PACKET FRAGMENTATION END INDICATION INFORMATION BY SETTING DATA PACKET FRAGMENTATION END BIT IN BUILT-IN MEMORY TO[0], AND NOTIFIES DATA PACKET FRAGMENTATION CIRCUIT 72 OF BEING IN DATA PACKET FRAGMENTATION END INDICATION RECEIVING STATUS

~ S66

DATA PACKET FRAGMENTATION CIRCUIT 72, THERE BEING NO NECESSITY FOR TRANSFERRING VOICE PACKET AUP, SETS MAXIMUM PACKET LENGTH TO PREDETERMINED LARGE VALUE

~ S67

DATA PACKET FRAGMENTATION CIRCUIT 72 THEREAFTER ROUTES DATA PACKET DTP WITH VALUE UNDER THIS SET VALUE

~ S68

QUEUE CONTROL CIRCUIT 73 TEMPORARILY STORES QUEUE BUFFER MEMORY WITH DATA PACKET DTP INPUTTED FROM DATA PACKET FRAGMENTATION CIRCUIT 72, AND FORWARDS PACKET DTP TO INTERNET NETWORK 9 VIA NETWORK INTERFACE CIRCUIT 74

~ S69

END